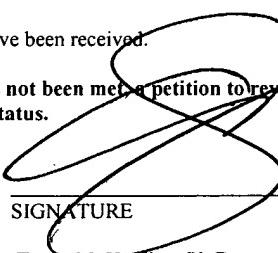


| | | |
|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371 | | ATTORNEY'S DOCKET NUMBER 4239-66168-03 |
| INTERNATIONAL APPLICATION NO. PCT/US2004/019489 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) 10/561487 |
| INTERNATIONAL FILING DATE June 18, 2004 | | PRIORITY DATE CLAIMED June 19, 2003 |
| TITLE OF INVENTION VARIANTS OF HUMAN TASTE RECEPTOR GENES | | |
| APPLICANT(S) FOR DO/EO/US Dennis Drayna, Un-Kyung Kim | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request. <input type="checkbox"/> The United States has been elected in a Demand for International Preliminary Examination (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English-language translation of the International Application (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)) (1 page). <input type="checkbox"/> An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included. <input checked="" type="checkbox"/> A Preliminary Amendment, including an Abstract on a separate page. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input checked="" type="checkbox"/> A computer-readable form (CRF) of the Sequence Listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. § 154(d)(4). <input type="checkbox"/> A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4). <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> International Search Report. <input checked="" type="checkbox"/> Sequence Listing (filed on CD-ROM; two (2) copies provided). <input checked="" type="checkbox"/> Statement in Compliance verifying the identity of the Sequence Listing (on CD-ROM) and the computer readable form (CRF) of the Sequence Listing (on diskette). | | |

IAP20 Rec'd PCT/PTO 19 DEC 2005

| | | | | |
|---|--------------|--|--------------|---------------------------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.57) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER |
| 107561487 | | PCT/US2004/019489 | | 4239-66168-03 |
| <p>The following fees are submitted:</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a))..... \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4)..... \$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500</p> <p style="text-align: right;">TOTAL OF 21, 22, and 23 =</p> <p><input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | |
| 120 - 100 | 20 / 50 = | 1 | x \$250 | \$ 250.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)). | | | | \$ 0.00 |
| | | | | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE |
| Total claims | | 47 - 20 = | 27 | x \$50.00 \$ 1,350.00 |
| Independent Claims | | 7 - 3 = | 4 | x \$200.00 \$ 800.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ 0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 3,300.00 |
| <input type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by ½. SUBTOTAL = \$ 3,300.00 | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). TOTAL NATIONAL FEE = \$ 3,300.00 | | | | |
| Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property. TOTAL FEES ENCLOSED = \$ 3,300.00 | | | | |
| | | | | Amount to be refunded \$ |
| | | | | Amount to be charged \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 3,300.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p> | | | | |
| <p>NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | |
| SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH CUSTOMER NUMBER 36218 | | | | |
| KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988 | | | | |
|  SIGNATURE <u>Tanya M. Harding, Ph.D.</u> NAME | | | | |
| <u>42,630</u> REGISTRATION NUMBER | | | | |